

JHotDraw v5.3

singleton

singleton = CH.ifa.draw.util.Clipboard

composite, component

CH.ifa.draw.standard.CompositeFigure, CH.ifa.draw.framework.Figure

Subject, observer

CH.ifa.draw.figures.PolyLineFigure, CH.ifa.draw.util.StorableInput

CH.ifa.draw.standard.StandardDrawing, CH.ifa.draw.framework.DrawingChangeListener

CH.ifa.draw.standard.StandardDrawingView, CH.ifa.draw.framework.FigureSelectionListener

CH.ifa.draw.standard.StandardDrawingView, CH.ifa.draw.framework.Figure

CH.ifa.draw.standard.StandardDrawingView, CH.ifa.draw.framework.Painter

CH.ifa.draw.util.CommandMenu, CH.ifa.draw.util.Command

CH.ifa.draw.util.StorageFormatManager, CH.ifa.draw.util.StorageFormat

CH.ifa.draw.util.UndoableAdapter, CH.ifa.draw.framework.FigureEnumeration

Decorator, component

CH.ifa.draw.contrib.DragNDropTool, CH.ifa.draw.framework.Tool

CH.ifa.draw.contrib.GraphicalCompositeFigure, CH.ifa.draw.framework.Figure

CH.ifa.draw.figures.TextFigure, CH.ifa.draw.framework.Figure

CH.ifa.draw.standard.DecoratorFigure, CH.ifa.draw.framework.Figure

CH.ifa.draw.standard.OffsetLocator, CH.ifa.draw.framework.Locator

CH.ifa.draw.standard.SelectionTool, CH.ifa.draw.framework.Tool

CH.ifa.draw.util.UndoableCommand, CH.ifa.draw.util.Command

CH.ifa.draw.util.UndoableHandle, CH.ifa.draw.framework.Handle

CH.ifa.draw.util.UndoableTool, CH.ifa.draw.framework.Tool

CH.ifa.draw.util.UndoRedoActivity, CH.ifa.draw.util.Undoable

Templatemethod

abstractclass = CH.ifa.draw.contrib.AutoscrollHelper

abstractclass = CH.ifa.draw.figures.AbstractLineDecoration

abstractclass = CH.ifa.draw.figures.AttributeFigure

abstractclass = CH.ifa.draw.standard.AbstractCommand

abstractclass = CH.ifa.draw.standard.AbstractConnector

abstractclass = CH.ifa.draw.standard.AbstractFigure

abstractclass = CH.ifa.draw.standard.AbstractHandle

abstractclass = CH.ifa.draw.standard.AbstractTool

abstractclass = CH.ifa.draw.standard.ActionTool

abstractclass = CH.ifa.draw.standard.ChangeConnectionHandle

abstractclass = CH.ifa.draw.standard.CompositeFigure

abstractclass = CH.ifa.draw.standard.DecoratorFigure

Concreteproduct, concretecreator

CH.ifa.draw.framework.Connector, CH.ifa.draw.contrib.DiamondFigure

CH.ifa.draw.framework.Connector, CH.ifa.draw.contrib.PolygonFigure

CH.ifa.draw.framework.Locator, CH.ifa.draw.contrib.PolygonFigure

CH.ifa.draw.framework.Locator, CH.ifa.draw.figures.ElbowConnection

CH.ifa.draw.framework.Connector, CH.ifa.draw.figures.EllipseFigure

CH.ifa.draw.framework.FigureEnumeration, CH.ifa.draw.figures.GroupFigure

CH.ifa.draw.framework.Connector, CH.ifa.draw.figures.PolyLineFigure

CH.ifa.draw.framework.Locator, CH.ifa.draw.figures.PolyLineFigure

CH.ifa.draw.framework.Drawing, CH.ifa.draw.samples.javadraw.JavaDrawApp

CH.ifa.draw.framework.Tool, CH.ifa.draw.samples.javadraw.JavaDrawApp

CH.ifa.draw.framework.Drawing, CH.ifa.draw.samples.javadraw.JavaDrawApplet

CH.ifa.draw.framework.Figure,CH.ifa.draw.samples.pert.PertFigureCreationTool
CH.ifa.draw.framework.Connector,CH.ifa.draw.standard.AbstractFigure
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.standard.AbstractFigure
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.standard.CompositeFigure
CH.ifa.draw.framework.FigureSelection,CH.ifa.draw.standard.NullDrawingView
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.standard.StandardDrawingView
CH.ifa.draw.framework.FigureSelection,CH.ifa.draw.standard.StandardDrawingView
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.util.UndoableAdapter
CH.ifa.draw.util.Undoable,CH.ifa.draw.util.UndoableCommand
CH.ifa.draw.util.Undoable,CH.ifa.draw.util.UndoableHandle
CH.ifa.draw.util.Undoable,CH.ifa.draw.util.UndoableTool

Prototype, concretePrototype

CH.ifa.draw.framework.Figure,CH.ifa.draw.contrib.GraphicalCompositeFigure
CH.ifa.draw.framework.Figure,CH.ifa.draw.contrib.TriangleFigure
CH.ifa.draw.framework.Figure,CH.ifa.draw.standard.AbstractFigure

context, Strategy

CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.framework.Drawing
CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.framework.Tool
CH.ifa.draw.application.DrawApplication,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.application.DrawApplication,CH.ifa.draw.framework.Tool
CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.contrib.Layoutter
CH.ifa.draw.contrib.MDI_InternalFrame,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.contrib.PolygonHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.contrib.PolygonTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.contrib.StandardLayoutter,CH.ifa.draw.contrib.Layouttable
CH.ifa.draw.contrib.WindowMenu,CH.ifa.draw.util.Command
CH.ifa.draw.figures.LineConnection,CH.ifa.draw.framework.Connector
CH.ifa.draw.figures.PolyLineFigure,CH.ifa.draw.figures.LineDecoration
CH.ifa.draw.figures.ScribbleTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.figures.TextTool,CH.ifa.draw.standard.TextHolder
CH.ifa.draw.samples.javadraw.Animator,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.samples.javadraw.Animator,CH.ifa.draw.util.Animatable
CH.ifa.draw.samples.javadraw.JavaDrawViewer,CH.ifa.draw.framework.Drawing
CH.ifa.draw.samples.javadraw.URLTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.AbstractCommand,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.AbstractConnector,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.AbstractFigure,CH.ifa.draw.framework.FigureChangeListener
CH.ifa.draw.standard.AbstractTool,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.AlignCommand,CH.ifa.draw.standard.AlignCommand.Alignment
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.ConnectionFigure
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.Connector
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.ConnectionHandle,CH.ifa.draw.framework.ConnectionFigure
CH.ifa.draw.standard.ConnectionHandle,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.ConnectionFigure
CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.Connector
CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.CreationTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.DragTracker,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.HandleTracker,CH.ifa.draw.framework.Handle
CH.ifa.draw.standard.LocatorConnector,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.LocatorHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.OrderedFigureElement,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Drawing
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.PointConstrainer

CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Painter
CH.ifa.draw.standard.ToolButton,CH.ifa.draw.framework.Tool
CH.ifa.draw.util.CommandButton,CH.ifa.draw.util.Command
CH.ifa.draw.util.GraphNode,CH.ifa.draw.framework.Figure
CH.ifa.draw.util.PaletteButton,CH.ifa.draw.util.PaletteListener
CH.ifa.draw.util.StandardVersionControlStrategy,CH.ifa.draw.util.VersionRequester
CH.ifa.draw.util.StorageFormatManager,CH.ifa.draw.util.StorageFormat
CH.ifa.draw.util.UndoableHandle,CH.ifa.draw.framework.Handle
CH.ifa.draw.util.UndoableHandle,CH.ifa.draw.framework.DrawingView

Adapter, adaptee

CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.standard.ToolButton
CH.ifa.draw.application.DrawApplication,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.application.DrawApplication,CH.ifa.draw.standard.ToolButton
CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.contrib.Layouter
CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.contrib.PolygonHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.contrib.PolygonTool,CH.ifa.draw.contrib.PolygonFigure
CH.ifa.draw.contrib.PolygonTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.contrib.StandardLayouter,CH.ifa.draw.contrib.Layoutable
CH.ifa.draw.figures.AttributeFigure,CH.ifa.draw.figures.FigureAttributes
CH.ifa.draw.figures.LineConnection,CH.ifa.draw.framework.Connector
CH.ifa.draw.figures.ScribbleTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.figures.TextFigure,CH.ifa.draw.standard.OffsetLocator
CH.ifa.draw.figures.TextFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.samples.javadraw.URLTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.AbstractCommand,CH.ifa.draw.standard.AbstractCommand.EventDispatcher
CH.ifa.draw.standard.AbstractConnector,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.AbstractFigure,CH.ifa.draw.framework.FigureChangeListener
CH.ifa.draw.standard.AbstractTool,CH.ifa.draw.standard.AbstractTool.EventDispatcher
CH.ifa.draw.standard.AbstractTool,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.Connector
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.ConnectionFigure
CH.ifa.draw.standard.CompositeFigure,CH.ifa.draw.standard.QuadTree
CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.ConnectionFigure
CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.Connector
CH.ifa.draw.standard.CreationTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.DragTracker,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.HandleTracker,CH.ifa.draw.framework.Handle
CH.ifa.draw.standard.LocatorConnector,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.LocatorHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.ReverseFigureEnumerator,CH.ifa.draw.util.ReverseVectorEnumerator
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Drawing
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Painter
CH.ifa.draw.util.StandardVersionControlStrategy,CH.ifa.draw.util.VersionRequester
CH.ifa.draw.util.UndoableCommand,CH.ifa.draw.standard.AbstractCommand.EventDispatcher
CH.ifa.draw.util.UndoableHandle,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.UndoableTool,CH.ifa.draw.standard.AbstractTool.EventDispatcher

proxy: real subject, proxy

CH.ifa.draw.standard.OffsetLocator,CH.ifa.draw.figures.TextFigure

Command, concrete command, receiver

CH.ifa.draw.contrib.Layoutable,CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.contrib.Layouter
CH.ifa.draw.contrib.Layoutable,CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.framework.Figure

[CH.ifa.draw.contrib.Layouter](#),[CH.ifa.draw.contrib.StandardLayouter](#),[CH.ifa.draw.contrib.Layoutable](#)
[CH.ifa.draw.framework.Connector](#),[CH.ifa.draw.standard.AbstractConnector](#),[CH.ifa.draw.framework.Figure](#)
[CH.ifa.draw.framework.DrawingView](#),[CH.ifa.draw.standard.StandardDrawingView](#),[CH.ifa.draw.framework.Dr](#)
[awing](#)
[CH.ifa.draw.framework.DrawingView](#),[CH.ifa.draw.standard.StandardDrawingView](#),[CH.ifa.draw.framework.Dr](#)
[awingEditor](#)
[CH.ifa.draw.framework.DrawingView](#),[CH.ifa.draw.standard.StandardDrawingView](#),[CH.ifa.draw.framework.Pai](#)
[nter](#)
[CH.ifa.draw.framework.Handle](#),[CH.ifa.draw.util.UndoableHandle](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.framework.Handle](#),[CH.ifa.draw.util.UndoableHandle](#),[CH.ifa.draw.framework.Handle](#)
[CH.ifa.draw.framework.Tool](#),[CH.ifa.draw.standard.AbstractTool](#),[CH.ifa.draw.framework.DrawingEditor](#)
[CH.ifa.draw.framework.Tool](#),[CH.ifa.draw.standard.AbstractTool](#),[CH.ifa.draw.standard.AbstractTool.EventDispa](#)
[tcher](#)
[CH.ifa.draw.framework.Tool](#),[CH.ifa.draw.util.UndoableTool](#),[CH.ifa.draw.standard.AbstractTool.EventDispatch](#)
[er](#)
[CH.ifa.draw.util.Command](#),[CH.ifa.draw.standard.AbstractCommand](#),[CH.ifa.draw.framework.DrawingEditor](#)
[CH.ifa.draw.util.Command](#),[CH.ifa.draw.standard.AbstractCommand](#),[CH.ifa.draw.standard.AbstractCommand.E](#)
[ventDispatcher](#)
[CH.ifa.draw.util.Command](#),[CH.ifa.draw.util.UndoableCommand](#),[CH.ifa.draw.standard.AbstractCommand.Event](#)
[Dispatcher](#)
[CH.ifa.draw.framework.DrawingView](#),[CH.ifa.draw.standard.StandardDrawingView](#),[CH.ifa.draw.framework.Poi](#)
[ntConstrainer](#)

JH 5.2

singleton

singleton = [CH.ifa.draw.util.Clipboard](#)

context, Strategy

[CH.ifa.draw.applet.DrawApplet](#),[CH.ifa.draw.framework.Drawing](#)
[CH.ifa.draw.applet.DrawApplet](#),[CH.ifa.draw.framework.Tool](#)
[CH.ifa.draw.application.DrawApplication](#),[CH.ifa.draw.framework.Drawing](#)
[CH.ifa.draw.application.DrawApplication](#),[CH.ifa.draw.framework.Tool](#)
[CH.ifa.draw.contrib.GraphicalCompositeFigure](#),[CH.ifa.draw.framework.Figure](#)
[CH.ifa.draw.contrib.GraphicalCompositeFigure](#),[CH.ifa.draw.contrib.Layouter](#)
[CH.ifa.draw.contrib.MDI_InternalFrame](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.contrib.PolygonHandle](#),[CH.ifa.draw.framework.Locator](#)
[CH.ifa.draw.figures.GroupCommand](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.figures.InsertImageCommand](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.figures.LineConnection](#),[CH.ifa.draw.framework.Connector](#)
[CH.ifa.draw.figures.PolyLineFigure](#),[CH.ifa.draw.figures.LineDecoration](#)
[CH.ifa.draw.figures.TextTool](#),[CH.ifa.draw.standard.TextHolder](#)
[CH.ifa.draw.figures.UngroupCommand](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.samples.javadraw.Animator](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.samples.javadraw.Animator](#),[CH.ifa.draw.util.Animatable](#)
[CH.ifa.draw.samples.javadraw.JavaDrawViewer](#),[CH.ifa.draw.framework.Drawing](#)
[CH.ifa.draw.samples.javadraw.URLTool](#),[CH.ifa.draw.framework.Figure](#)
[CH.ifa.draw.standard.AbstractConnector](#),[CH.ifa.draw.framework.Figure](#)
[CH.ifa.draw.standard.AbstractFigure](#),[CH.ifa.draw.framework.FigureChangeListener](#)
[CH.ifa.draw.standard.AbstractTool](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.standard.AlignCommand](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.standard.BringToFrontCommand](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.standard.ChangeAttributeCommand](#),[CH.ifa.draw.framework.DrawingView](#)
[CH.ifa.draw.standard.ChangeConnectionHandle](#),[CH.ifa.draw.framework.ConnectionFigure](#)
[CH.ifa.draw.standard.ChangeConnectionHandle](#),[CH.ifa.draw.framework.Figure](#)
[CH.ifa.draw.standard.ChangeConnectionHandle](#),[CH.ifa.draw.framework.Connector](#)
[CH.ifa.draw.standard.ConnectionHandle](#),[CH.ifa.draw.framework.ConnectionFigure](#)
[CH.ifa.draw.standard.ConnectionHandle](#),[CH.ifa.draw.framework.Figure](#)
[CH.ifa.draw.standard.ConnectionTool](#),[CH.ifa.draw.framework.ConnectionFigure](#)
[CH.ifa.draw.standard.ConnectionTool](#),[CH.ifa.draw.framework.Figure](#)

CH.ifa.draw.standard.ConnectionTool,CH.ifa.draw.framework.Connector
CH.ifa.draw.standard.CreationTool,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.DragTracker,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.FigureTransferCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.HandleTracker,CH.ifa.draw.framework.Handle
CH.ifa.draw.standard.LocatorConnector,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.LocatorHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.SendToBackCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Drawing
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.PointConstrainer
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Painter
CH.ifa.draw.standard.ToggleGridCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.CommandButton,CH.ifa.draw.util.Command
CH.ifa.draw.util.PaletteButton,CH.ifa.draw.util.PaletteListener
CH.ifa.draw.util.StorageFormatManager,CH.ifa.draw.util.StorageFormat

Adapter, adaptee

CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.standard.StandardDrawingView
CH.ifa.draw.applet.DrawApplet,CH.ifa.draw.standard.ToolButton
CH.ifa.draw.application.DrawApplication,CH.ifa.draw.standard.StandardDrawingView
CH.ifa.draw.application.DrawApplication,CH.ifa.draw.standard.ToolButton
CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.contrib.Layoutter
CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.contrib.PolygonHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.figures.AttributeFigure,CH.ifa.draw.figures.FigureAttributes
CH.ifa.draw.figures.GroupCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.figures.InsertImageCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.figures.LineConnection,CH.ifa.draw.framework.Connector
CH.ifa.draw.figures.RadiusHandle,CH.ifa.draw.figures.RoundRectangleFigure
CH.ifa.draw.figures.TextFigure,CH.ifa.draw.standard.OffsetLocator
CH.ifa.draw.figures.TextFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.figures.UngroupCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.AbstractConnector,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.AbstractFigure,CH.ifa.draw.framework.FigureChangeListener
CH.ifa.draw.standard.AbstractTool,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.AlignCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.BringToFrontCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.ChangeAttributeCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.Connector
CH.ifa.draw.standard.ChangeConnectionHandle,CH.ifa.draw.framework.ConnectionFigure
CH.ifa.draw.standard.LocatorConnector,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.LocatorHandle,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.ReverseFigureEnumerator,CH.ifa.draw.util.ReverseVectorEnumerator
CH.ifa.draw.standard.SendToBackCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Drawing
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Painter
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.DrawingEditor
CH.ifa.draw.standard.ToggleGridCommand,CH.ifa.draw.framework.DrawingView

Decorator, component

CH.ifa.draw.contrib.GraphicalCompositeFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.figures.TextFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.DecoratorFigure,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.OffsetLocator,CH.ifa.draw.framework.Locator
CH.ifa.draw.standard.SelectionTool,CH.ifa.draw.framework.Tool

Concreteproduct, concretecreator

CH.ifa.draw.framework.Connector,CH.ifa.draw.contrib.PolygonFigure

CH.ifa.draw.framework.Locator,CH.ifa.draw.contrib.PolygonFigure
CH.ifa.draw.framework.Locator,CH.ifa.draw.figures.ElbowConnection
CH.ifa.draw.framework.Connector,CH.ifa.draw.figures.EllipseFigure
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.figures.GroupFigure
CH.ifa.draw.framework.Connector,CH.ifa.draw.figures.PolyLineFigure
CH.ifa.draw.framework.Locator,CH.ifa.draw.figures.PolyLineFigure
CH.ifa.draw.framework.Connector,CH.ifa.draw.figures.RoundRectangleFigure
CH.ifa.draw.framework.Drawing,CH.ifa.draw.samples.javadraw.JavaDrawApp
CH.ifa.draw.framework.Tool,CH.ifa.draw.samples.javadraw.JavaDrawApp
CH.ifa.draw.framework.Drawing,CH.ifa.draw.samples.javadraw.JavaDrawApplet
CH.ifa.draw.framework.Figure,CH.ifa.draw.samples.pert.PertFigureCreationTool
CH.ifa.draw.framework.Connector,CH.ifa.draw.standard.AbstractFigure
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.standard.AbstractFigure
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.standard.CompositeFigure
CH.ifa.draw.framework.FigureEnumeration,CH.ifa.draw.standard.StandardDrawingView
CH.ifa.draw.framework.FigureSelection,CH.ifa.draw.standard.StandardDrawingView

Subject, observer

CH.ifa.draw.figures.PolyLineFigure,CH.ifa.draw.util.StorableInput
CH.ifa.draw.standard.StandardDrawing,CH.ifa.draw.framework.DrawingChangeListener
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Figure
CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Painter
CH.ifa.draw.util.CommandMenu,CH.ifa.draw.util.Command
CH.ifa.draw.util.StorageFormatManager,CH.ifa.draw.util.StorageFormat

Templatemethod

abstractclass = CH.ifa.draw.figures.AbstractLineDecoration
abstractclass = CH.ifa.draw.figures.AttributeFigure
abstractclass = CH.ifa.draw.standard.AbstractConnector
abstractclass = CH.ifa.draw.standard.AbstractFigure
abstractclass = CH.ifa.draw.standard.AbstractHandle
abstractclass = CH.ifa.draw.standard.ActionTool
abstractclass = CH.ifa.draw.standard.ChangeConnectionHandle
abstractclass = CH.ifa.draw.standard.CompositeFigure
abstractclass = CH.ifa.draw.standard.DecoratorFigure

composite, component

CH.ifa.draw.standard.CompositeFigure,CH.ifa.draw.framework.Figure S

Prototype, concretePrototype

CH.ifa.draw.framework.Figure,CH.ifa.draw.contrib.GraphicalCompositeFigure
CH.ifa.draw.framework.Figure,CH.ifa.draw.contrib.TriangleFigure
CH.ifa.draw.framework.Figure,CH.ifa.draw.standard.AbstractFigure

Command, concrete command, receiver

CH.ifa.draw.framework.Connector,CH.ifa.draw.standard.AbstractConnector,CH.ifa.draw.framework.Figure
CH.ifa.draw.framework.DrawingView,CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.framework.DrawingView,CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.DrawingViewEditor
CH.ifa.draw.framework.DrawingView,CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.Painter
CH.ifa.draw.framework.Tool,CH.ifa.draw.standard.AbstractTool,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.figures.GroupCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.figures.InsertImageCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.figures.UngroupCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.standard.AlignCommand,CH.ifa.draw.framework.DrawingView

CH.ifa.draw.util.Command,CH.ifa.draw.standard.BringToFrontCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.standard.ChangeAttributeCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.standard.SendToBackCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.util.Command,CH.ifa.draw.standard.ToggleGridCommand,CH.ifa.draw.framework.DrawingView
CH.ifa.draw.framework.DrawingView,CH.ifa.draw.standard.StandardDrawingView,CH.ifa.draw.framework.PointConstrainer

proxy: real subject, proxy

CH.ifa.draw.standard.OffsetLocator,CH.ifa.draw.figures.TextFigure

JH 7.0.6

singleton

singleton = org.jhotdraw.util.ResourceBundleUtil

Decorator, component

org.jhotdraw.draw.AbstractFigure,org.jhotdraw.draw.Figure
org.jhotdraw.draw.GraphicalCompositeFigure,org.jhotdraw.draw.Figure
org.jhotdraw.draw.SelectionTool,org.jhotdraw.draw.Tool

Adapter, adaptee (~~onetooneassociation and implementation tags deleted~~ + second expression used)

org.jhotdraw.app.AbstractApplication,org.jhotdraw.app.ApplicationModel
org.jhotdraw.app.AbstractProject,org.jhotdraw.app.Application
org.jhotdraw.app.DefaultMDIApplication,org.jhotdraw.app.Project
org.jhotdraw.app.DefaultOSXApplication,org.jhotdraw.app.Project
org.jhotdraw.app.DefaultSDIApplication,org.jhotdraw.app.Project
org.jhotdraw.draw.AbstractCompositeFigure.ChildHandler,org.jhotdraw.draw.AbstractCompositeFigure
org.jhotdraw.draw.AbstractCompositeFigure,org.jhotdraw.draw.Layer
org.jhotdraw.draw.AbstractConnector,org.jhotdraw.draw.Figure
org.jhotdraw.draw.AbstractFigure,org.jhotdraw.draw.Drawing
org.jhotdraw.draw.AbstractHandle,org.jhotdraw.draw.Figure
org.jhotdraw.draw.AbstractTool,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.draw.BezierFigure,org.jhotdraw.geom.BezierPath
org.jhotdraw.draw.BezierFigure,org.jhotdraw.draw.AttributeKey
org.jhotdraw.draw.BezierTool,org.jhotdraw.draw.BezierFigure
org.jhotdraw.draw.BidirectionalConnectionTool,org.jhotdraw.draw.Connector
org.jhotdraw.draw.BidirectionalConnectionTool,org.jhotdraw.draw.Figure
org.jhotdraw.draw.BidirectionalConnectionTool,org.jhotdraw.draw.ConnectionFigure
org.jhotdraw.draw.ConnectionTool,org.jhotdraw.draw.Connector
org.jhotdraw.draw.ConnectionTool,org.jhotdraw.draw.Figure
org.jhotdraw.draw.ConnectionTool,org.jhotdraw.draw.ConnectionFigure
org.jhotdraw.draw.CreationTool,org.jhotdraw.draw.Figure
org.jhotdraw.draw.DefaultDrawingEditor,org.jhotdraw.draw.DrawingView
org.jhotdraw.draw.DefaultDrawingEditor,org.jhotdraw.draw.Tool
org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.draw.Drawing
org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.draw.Handle
org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.draw.DragTracker,org.jhotdraw.draw.Figure
org.jhotdraw.draw.HandleTracker,org.jhotdraw.draw.Handle
org.jhotdraw.draw.HandleTracker,org.jhotdraw.draw.HandleMulticaster
org.jhotdraw.draw.LabeledLineConnectionFigure.ChildHandler,org.jhotdraw.draw.LabeledLineConnectionFigure
org.jhotdraw.draw.LabeledLineConnectionFigure,org.jhotdraw.draw.Layer
org.jhotdraw.draw.LineConnectionFigure.ConnectionHandler,org.jhotdraw.draw.LineConnectionFigure
org.jhotdraw.draw.LineConnectionFigure,org.jhotdraw.draw.Connector
org.jhotdraw.draw.LineConnectionFigure,org.jhotdraw.draw.Liner
org.jhotdraw.draw.QuadTreeDrawing,org.jhotdraw.geom.QuadTree2DDouble

org.jhotdraw.samples.draw.DrawProject,org.jhotdraw.draw.DefaultDrawingView
org.jhotdraw.samples.draw.DrawProject,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.samples.draw.DrawProject,org.jhotdraw.undo.UndoRedoManager
org.jhotdraw.samples.net.NetProject,org.jhotdraw.draw.DefaultDrawingView
org.jhotdraw.samples.net.NetProject,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.samples.net.NetProject,org.jhotdraw.undo.UndoRedoManager
org.jhotdraw.samples.pert.PertProject,org.jhotdraw.draw.DefaultDrawingView
org.jhotdraw.samples.pert.PertProject,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.samples.pert.PertProject,org.jhotdraw.undo.UndoRedoManager
org.jhotdraw.samples.svg.SVGProject,org.jhotdraw.draw.DefaultDrawingView
org.jhotdraw.samples.svg.SVGProject,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.samples.svg.SVGProject,org.jhotdraw.undo.UndoRedoManager
org.jhotdraw.xml.JavaxDOMInput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.JavaxDOMOutput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLDOMInput,net.n3.nanoxml.XMLElement
org.jhotdraw.xml.NanoXMLDOMInput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLDOMOutput,net.n3.nanoxml.XMLElement
org.jhotdraw.xml.NanoXMLDOMOutput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLLiteDOMInput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLLiteDOMInput,nanoxml.XMLElement
org.jhotdraw.xml.NanoXMLLiteDOMOutput,nanoxml.XMLElement
org.jhotdraw.xml.NanoXMLLiteDOMOutput,org.jhotdraw.xml.DOMFactory

Concreteproduct, concretecreator

org.jhotdraw.geom.Dimension2DDouble,org.jhotdraw.draw.AbstractCompositeFigure
org.jhotdraw.draw.Connector,org.jhotdraw.draw.AbstractFigure
org.jhotdraw.geom.Dimension2DDouble,org.jhotdraw.draw.AbstractFigure
org.jhotdraw.draw.Connector,org.jhotdraw.draw.BezierFigure
org.jhotdraw.draw.Connector,org.jhotdraw.draw.DiamondFigure
org.jhotdraw.draw.Connector,org.jhotdraw.draw.EllipseFigure
org.jhotdraw.draw.Tool,org.jhotdraw.draw.LabelFigure
org.jhotdraw.draw.Connector,org.jhotdraw.draw.RoundRectangleFigure
org.jhotdraw.draw.Tool,org.jhotdraw.draw.TextAreaFigure
org.jhotdraw.geom.Insets2DDouble,org.jhotdraw.draw.TextAreaFigure
org.jhotdraw.draw.Tool,org.jhotdraw.draw.TextFigure
org.jhotdraw.geom.Dimension2DDouble,org.jhotdraw.draw.TextFigure
org.jhotdraw.geom.Insets2DDouble,org.jhotdraw.draw.TextFigure
org.jhotdraw.draw.Connector,org.jhotdraw.draw.TriangleFigure

Templatemethod

abstractclass = org.jhotdraw.app.AbstractApplication
abstractclass = org.jhotdraw.app.AbstractProject
abstractclass = org.jhotdraw.app.action.AbstractApplicationAction
abstractclass = org.jhotdraw.app.action.AbstractProjectAction
abstractclass = org.jhotdraw.app.action.SaveBeforeAction
abstractclass = org.jhotdraw.draw.AbstractAttributedCompositeFigure
abstractclass = org.jhotdraw.draw.AbstractCompositeFigure
abstractclass = org.jhotdraw.draw.AbstractDrawing
abstractclass = org.jhotdraw.draw.AbstractFigure
abstractclass = org.jhotdraw.draw.AbstractHandle
abstractclass = org.jhotdraw.draw.AbstractLineDecoration
abstractclass = org.jhotdraw.draw.AttributedFigure
abstractclass = org.jhotdraw.draw.ChangeConnectionHandle
abstractclass = org.jhotdraw.draw.action.AbstractSelectedAction
abstractclass = org.jhotdraw.draw.action.AlignAction

Subject, observer

org.jhotdraw.draw.AbstractAttributedCompositeFigure,org.jhotdraw.draw.AttributeKey
org.jhotdraw.draw.AttributedFigure,org.jhotdraw.draw.AttributeKey
org.jhotdraw.draw.DefaultDrawing,org.jhotdraw.draw.Figure

org.jhotdraw.draw.DefaultDrawingEditor,org.jhotdraw.draw.AttributeKey
org.jhotdraw.draw.GraphicalCompositeFigure,org.jhotdraw.draw.AttributeKey
org.jhotdraw.draw.QuadTreeDrawing,org.jhotdraw.draw.Figure

context, Strategy

org.jhotdraw.app.AbstractApplication,org.jhotdraw.app.ApplicationModel
org.jhotdraw.app.AbstractProject,org.jhotdraw.app.Application
org.jhotdraw.app.DefaultAppletApplication,org.jhotdraw.app.Project
org.jhotdraw.app.DefaultMDIApplication,org.jhotdraw.app.Project
org.jhotdraw.app.DefaultOSXApplication,org.jhotdraw.app.Project
org.jhotdraw.app.DefaultSDIApplication,org.jhotdraw.app.Project
org.jhotdraw.app.action.AbstractApplicationAction,org.jhotdraw.app.Application
org.jhotdraw.app.action.AbstractProjectAction,org.jhotdraw.app.Application
org.jhotdraw.app.action.ArrangeAction,org.jhotdraw.app.action.Arrangeable
org.jhotdraw.app.action.ExitAction,org.jhotdraw.app.Project
org.jhotdraw.app.action.FocusAction,org.jhotdraw.app.Project
org.jhotdraw.draw.AbstractCompositeFigure,org.jhotdraw.draw.Layoutter
org.jhotdraw.draw.AbstractConnector,org.jhotdraw.draw.Figure
org.jhotdraw.draw.AbstractFigure,org.jhotdraw.draw.Drawing
org.jhotdraw.draw.AbstractFigure,org.jhotdraw.draw.Figure
org.jhotdraw.draw.AbstractHandle,org.jhotdraw.draw.Figure
org.jhotdraw.draw.AbstractHandle,org.jhotdraw.draw.DrawingView
org.jhotdraw.draw.AbstractTool,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.draw.AttributeChangeEdit,org.jhotdraw.draw.Figure
org.jhotdraw.draw.BidirectionalConnectionTool,org.jhotdraw.draw.ConnectionFigure
org.jhotdraw.draw.BidirectionalConnectionTool,org.jhotdraw.draw.Figure
org.jhotdraw.draw.BidirectionalConnectionTool,org.jhotdraw.draw.Connector
org.jhotdraw.draw.ChangeConnectionHandle,org.jhotdraw.draw.ConnectionFigure
org.jhotdraw.draw.ChangeConnectionHandle,org.jhotdraw.draw.Figure
org.jhotdraw.draw.ChangeConnectionHandle,org.jhotdraw.draw.Connector
org.jhotdraw.draw.CompositeTransformEdit,org.jhotdraw.draw.AbstractFigure
org.jhotdraw.draw.ConnectionHandle,org.jhotdraw.draw.ConnectionFigure
org.jhotdraw.draw.ConnectionHandle,org.jhotdraw.draw.Figure
org.jhotdraw.draw.ConnectionTool,org.jhotdraw.draw.Figure
org.jhotdraw.draw.ConnectionTool,org.jhotdraw.draw.Connector
org.jhotdraw.draw.ConnectionTool,org.jhotdraw.draw.ConnectionFigure
org.jhotdraw.draw.CreationTool,org.jhotdraw.draw.Figure
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org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.draw.Constrainer
org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.draw.Drawing
org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.draw.Handle
org.jhotdraw.draw.DefaultDrawingView,org.jhotdraw.xml.DOMFactory
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org.jhotdraw.draw.FloatingTextField,org.jhotdraw.draw.DrawingView
org.jhotdraw.draw.GeometryEdit,org.jhotdraw.draw.Figure
org.jhotdraw.draw.HandleTracker,org.jhotdraw.draw.Handle
org.jhotdraw.draw.LabeledLineConnectionFigure,org.jhotdraw.draw.Layoutter
org.jhotdraw.draw.LineConnectionFigure,org.jhotdraw.draw.Connector
org.jhotdraw.draw.LineConnectionFigure,org.jhotdraw.draw.Liner
org.jhotdraw.draw.LocatorConnector,org.jhotdraw.draw.Locator
org.jhotdraw.draw.LocatorHandle,org.jhotdraw.draw.Locator
org.jhotdraw.draw.RestoreDataEdit,org.jhotdraw.draw.Figure
org.jhotdraw.draw.SetBoundsEdit,org.jhotdraw.draw.AbstractFigure
org.jhotdraw.draw.TextAreaTool,org.jhotdraw.draw.TextHolder
org.jhotdraw.draw.TextTool,org.jhotdraw.draw.TextHolder
org.jhotdraw.draw.action.AbstractEditorAction,org.jhotdraw.draw.DrawingEditor
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org.jhotdraw.draw.action.ColorAttributeIcon,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.draw.action.GroupAction,org.jhotdraw.draw.CompositeFigure
org.jhotdraw.draw.action.UngroupAction,org.jhotdraw.draw.CompositeFigure
org.jhotdraw.samples.draw.DrawingPanel,org.jhotdraw.draw.Drawing
org.jhotdraw.samples.draw.DrawingPanel,org.jhotdraw.draw.DrawingEditor
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org.jhotdraw.samples.svg.SVGProject,org.jhotdraw.draw.DrawingEditor
org.jhotdraw.xml.JavaxDOMInput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.JavaxDOMOutput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLDOMInput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLDOMOutput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLLiteDOMInput,org.jhotdraw.xml.DOMFactory
org.jhotdraw.xml.NanoXMLLiteDOMOutput,org.jhotdraw.xml.DOMFactory

Prototype, concretePrototype

org.jhotdraw.draw.Connector,org.jhotdraw.draw.AbstractConnector
org.jhotdraw.draw.Figure,org.jhotdraw.draw.AbstractFigure
org.jhotdraw.draw.Liner,org.jhotdraw.draw.ElbowLiner
org.jhotdraw.draw.Liner,org.jhotdraw.draw.SlantedLiner

Command, concrete command, receiver

org.jhotdraw.draw.Connector,org.jhotdraw.draw.AbstractConnector,org.jhotdraw.draw.Figure
org.jhotdraw.draw.Handle,org.jhotdraw.draw.AbstractHandle,org.jhotdraw.draw.DrawingView
org.jhotdraw.draw.Handle,org.jhotdraw.draw.AbstractHandle,org.jhotdraw.draw.Figure
org.jhotdraw.draw.AbstractFigure,org.jhotdraw.draw.AbstractCompositeFigure,org.jhotdraw.draw.AbstractCompositeFigure.ChildHandler
org.jhotdraw.draw.CompositeFigure,org.jhotdraw.draw.AbstractCompositeFigure,org.jhotdraw.draw.AbstractCompositeFigure.ChildHandler
org.jhotdraw.draw.CompositeFigure,org.jhotdraw.draw.LabeledLineConnectionFigure,org.jhotdraw.draw.LabeledLineConnectionFigure.ChildHandler
org.jhotdraw.draw.ConnectionFigure,org.jhotdraw.draw.LineConnectionFigure,org.jhotdraw.draw.LineConnectionFigure.ConnectionHandler

JUnit 3

Decorator, component

junit.extensions.TestDecorator,junit.framework.Test

composite, component

junit.framework.TestSuite,junit.framework.Test

Templatemethod

abstractclass = junit.framework.TestCase
abstractclass = junit.runner.BaseTestRunner
abstractclass = junit.runner.ClassPathTestCollector

context, Strategy

junit.swingui.FailureRunView,junit.swingui.TestRunContext
junit.swingui.TestHierarchyRunView,junit.swingui.TestRunContext

Subject, observer

junit.framework.TestResult,junit.framework.Test
junit.framework.TestResult,junit.framework.TestListener
junit.samples.money.MoneyBag,junit.samples.money.Money

Adapter, adaptee

junit.awtui.TestRunner,junit.awtui.ProgressBar
junit.awtui.TestRunner,junit.framework.TestResult
junit.swingui.TestHierarchyRunView,junit.swingui.TestSuitePanel
junit.swingui.TestRunner,junit.framework.TestResult
junit.swingui.TestRunner,junit.swingui.ProgressBar
junit.swingui.TestSuitePanel,junit.swingui.TestTreeModel

Junit 2

Adapter, adaptee

junit.framework.TestCase,junit.framework.TestResult

Templatemethod

Abstractclass= junit.framework.TestCase

composite, component

junit.framework.TestSuite,junit.framework.Test

Decorator, component

junit.extensions.TestDecorator,junit.framework.Test

Command, concrete command, receiver

junit.framework.TestResult,junit.ui.UITestResult,junit.ui.TestRunner

Junit 3,8,1

Adapter, adaptee

junit.awtui.TestRunner,junit.awtui.ProgressBar
junit.awtui.TestRunner,junit.framework.TestResult
junit.swingui.TestHierarchyRunView,junit.swingui.TestSuitePanel
junit.swingui.TestRunner,junit.framework.TestResult
junit.swingui.TestRunner,junit.swingui.ProgressBar
junit.swingui.TestSuitePanel,junit.swingui.TestTreeModel

Templatemethod

abstractclass = junit.framework.TestCase
abstractclass = junit.runner.BaseTestRunner
abstractclass = junit.runner.ClassPathTestCollector

composite, component

junit.framework.TestSuite,junit.framework.Test

Subject, observer

junit.framework.TestResult,junit.framework.Test
junit.framework.TestResult,junit.framework.TestListener

context, Strategy

junit.swingui.FailureRunView,junit.swingui.TestRunContext
junit.swingui.TestHierarchyRunView,junit.swingui.TestRunContext

Decorator, component

junit.extensions.TestDecorator,junit.framework.Test